

| INFORMATION DISCLOSURE<br>CITATION IN AN<br>APPLICATION          |          |   |                                |   |   | ATTY. DOCKET NO.<br><b>49677-154</b>      |    | SERIAL NO.<br><b>101796,052</b> |  |
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| (PTO-1449)   |          |   |                                |   |   | APPLICANT<br><b>Tomomi MORIYA, et al.</b> |    |                                 |  |
|  |          |   |                                |   |   | FILING DATE<br><b>March 10, 2004</b>      |    | GROUP<br><b>1731</b>            |  |
| U.S. PATENT DOCUMENTS  |          |   |                                |   |   |   |    |                                 |  |
| EXAMINER'S INITIALS  | CITE NO. | Document Number<br>Number-Kind Code <sup>2</sup> (if known)   | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |   |    |                                 |  |
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|  |          |   |                                |   | CLASS / SUB CLASSES   | Yes                                       | No |                                 |  |
| SU   | A        | 03-247525   | 11/05/1991                     | NIPPON SEKIEI GLASS CO., LTD                    | /   |   |    | X                               |  |
| SU   | A        | 62-162832   | 07/18/1987                     | SUMITOMO ELECTRIC INDUSTRIES, LTD               | /   |   |    | X                               |  |
| SU   | A        | 10-101352   | 04/21/1998                     | SHIN-ETSU QUARTZ PRODUCTS CO., LTD.             | /   |   |    | X                               |  |
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| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) |          |   |                                |   |   |   |    |                                 |  |
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.